

WHAT IS CLAIMED IS:

1. A toner supplying container detachably mountable to an image forming apparatus for supplying a toner, said toner supplying container comprising:

5 a container body for containing the toner;

a toner discharging port provided in said container body;

a shutter for opening and closing said toner discharging port; and

10 a detection portion for detection of a position of said shutter by an optical sensor provided in said image forming apparatus. ,

2. A toner supplying container according to
15 Claim 1, further comprising a rotating member for rotating relative to said container body to move said shutter so as to be opened and closed, wherein said detection portion is provided on said rotating member.

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3. A toner supplying container according to Claim 2, wherein when said container body is in a state in which said container body has been substantially unrotatably mounted in said image
25 forming apparatus, said rotating member becomes rotatable relative to said container body.

4. A toner supplying container according to Claim 1, wherein said detection portion is provided with a light reflecting member.

5 5. A toner supplying container according to Claim 1, wherein said detection portion is provided with a grip.

6. An image forming apparatus to which a toner
10 supplying container is detachably mountable, the toner supplying container having a container body for containing a toner, a toner discharging port provided in the container body, and a shutter for opening and closing the toner discharging port, said image
15 forming apparatus comprising:

an interchange door openable and closable for interchange of the toner supplying container; and

an optical sensor provided on an inner surface of said interchange door for detecting a position of
20 the shutter.

7. An image forming apparatus according to Claim 6, wherein said optical sensor detects an opening of the shutter.

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8. An image forming apparatus according to Claim 7, wherein the toner supplying container has a

rotating member for rotating relative to the
container body to move the shutter so as to be opened
and closed, and said optical sensor is capable of
receiving light reflected by the rotating member
5 being in a rotated position.

9. An image forming apparatus according to
Claim 7, wherein said optical sensor is capable of
detecting whether the toner supplying container is
mounted.
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10. An image forming apparatus according to
Claim 7, wherein said optical sensor is capable of
detecting whether said interchange door has been
opened.

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11. An image forming apparatus according to
Claim 7, further comprising a rotary member rotatable
with a plurality of toner supplying containers held
on said rotary member, wherein said interchange door
20 is provided in common in a portion of a side surface
of said rotary member.

12. An image forming apparatus to which a toner
supplying container is detachably mountable, said
25 image forming apparatus comprising:

an interchange door openable and closable for
interchange of the toner supplying container; and

an optical sensor provided on an inner surface of said interchange door to detect whether the toner supplying container is mounted.

5 13. An image forming apparatus according to Claim 12, wherein the toner supplying container has a rotating member for rotating relative to the container body to move the shutter so as to be opened and closed, wherein said optical sensor is capable of
10 receiving light reflected by the rotating member being in a rotated position.

 14. An image forming apparatus according to Claim 12, wherein said optical sensor is capable of
15 detecting whether said toner supplying container is mounted.

 15. An image forming apparatus according to Claim 12, wherein said optical sensor is capable of
20 detecting whether said interchange door has been opened.

 16. An image forming apparatus according to Claim 12, further comprising a rotary member
25 rotatable with a plurality of toner supplying containers held on said rotary member, wherein said interchange door is provided in common in a portion of a side surface of said rotary member.